

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 11 Dec 2021 until 23:59 on Sunday 12 Dec 2021

Forecast Issued on Saturday 11 Dec 2021 at 04:32

Confidence: High confidence for a return to milder conditions through today, but there is uncertainty about the extent of rainfall and how long it will last over the coming days.

Headline for Saturday 11 Dec 2021: Cloudy with heavy rain spreading to all parts. Strengthening southwesterly winds, turning milder later.

Mountain weather hazards on Saturday 11 Dec 2021

Blizzards

No Likelihood

Heavy Snow

No Likelihood

Storm force winds

No Likelihood

Gales

No Likelihood

Severe chill effect

Low Likelihood

Poor visibility

High Likelihood

Thunderstorms

No Likelihood

Heavy persistent rain

High Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Cloudy	Sleet	Heavy Rain	Light rain	Light rain	Light rain
Precipitation probability					
20%	70%	90%	60%	60%	70%

Forecast for Saturday 11 Dec 2021

Weather: Cloudy and briefly dry start, before outbreaks of light rain arrive from the west soon after dawn. By late morning the rain becomes heavy, accompanied by widespread hill fog. This afternoon heavy rain persists across western areas, while further east the rain is likely to become lighter and patchy. This evening heavy rain may ease across the west, leaving light rain for most of the Yorkshire Dales.

Chance of cloud free mountain/hill tops above 600m: 90% first thing but decreasing this morning to become only 60% by midday, with widespread low cloud across western areas. Then decreasing 20% this afternoon across all of the Yorkshire Dales.

Visibility: At first patches of low cloud around 600m, but cloud gradually thickening and lowering from the west this morning, becoming overcast at around 400m by early afternoon. Good visibility at dawn but becoming very poor with the hill fog, with large tracts of land covered in cloud.

Forecast for Saturday 11 Dec 2021

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/16 SW	12/19 SW	19/28 S	20/28 S	15/21 S	17/27 SW	17/25 W
300	1/10 S	4/14 S	7/18 S	6/16 S	5/14 S	10/24 SW	11/25 W
Valley	1/6 E	1/13 SW	7/19 S	4/15 SW	4/13 W	7/20 SW	7/19 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-2	2/-3	1/-5	3/-2	5/1	7/3	7/3
300	0/-1	3/1	3/0	4/2	5/4	8/6	9/6
Valley	2/1	4/2	5/3	6/4	7/6	9/8	9/8
Freezing Level*	800m	900m	2100m	2600m	2300m	2200m	2200m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Turning milder through today with quite a rapid lift in freezing level resulting in some snowmelt over higher hills this afternoon with rivers and streams rising. Very wet underfoot in places. Southwest winds becoming quite strong this afternoon and evening, with gusts perhaps close to gale force over exposed summits and ridges.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 11 Dec 2021	N/A	N/A	N/A

Forecast for Sunday 12 Dec 2021

Weather: Generally cloudy with outbreaks of light rain and drizzle, but with perhaps some drier periods through the afternoon, especially across eastern areas.

Maximum wind: Southwest 15-20mph increasing 30mph with gusts 50-55mph later.

Chance of cloud free mountain/hill tops above 600m: 20% or less, becoming 40% across western areas and 70% across eastern areas through the afternoon. Decreasing generally 40% through the evening.

Visibility: Overcast low cloud with a base around 400m for most of the morning, cloud breaking in the afternoon becoming broken or scattered above 500m. More cloud breaks around eastern hills during the afternoon. Overcast above 600m later in the evening.

Temperature: **Valleys:** Plus 6 Celsius rising to 11 Celsius.
At 600m: Plus 7 Celsius.
Freezing level: Above all summits.